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December 1, 2004

Date

  
H. Lee Huddleston, Jr.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|             |                                |   |                         |
|-------------|--------------------------------|---|-------------------------|
| Applicant:  | Allen Kent Rives               | § |                         |
|             |                                | § | Art Unit: 3672          |
| Serial No.: | 10/709,097                     | § |                         |
|             |                                | § | Examiner: Zakiya Walker |
| Filed:      | April 13, 2004                 | § |                         |
|             |                                | § |                         |
| For:        | Nutating Single Cone Drill Bit | § |                         |

**RESPONSE TO OFFICE ACTION DATED NOVEMBER 10, 2004**

Atty. Docket No.: RIV-18  
December 1, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir or Madam:

Applicant is in receipt of Examiner's Office Action dated November 10, 2004 and in response respectfully makes the following arguments and amendments. Additionally, representatives for Applicant have noticed the absence of an attorney docket number from Office Communication. Please append attorney docket number "RIV-18" to the file wrapper for inclusion on any future Examiner communications. The amendments and remarks are as follows: